

ABSTRACT

A method for positioning a digital template of a prosthesis based on computerized measurement of the width of the medullar space in an 2-dimensional projection image of
5 the relevant bone into which the prosthesis is to be inserted, the method comprising detecting, preferably automatically, the edges of the medullar space, the edges being detected in a region of interest; determining a position of the template along, such as parallel to, the main bone orientation in such a manner that one or more points on the template and one or more other points in the image has a pre-defined geometrical
10 relationship; and determining an orientation of the digital template and a position orthogonal to the main bone orientation such that the contours of the templates fit the detected edges of the medullar space.